

## SEQUENCE LISTING

<110> Rebar, Edward  
 Jamieson, Andrew  
 Liu, Qiang  
 Liu, Pei-Qi  
 Wolffe, Alan  
 Eisenberg, Stephen P.  
 Jarvis, Eric  
 Sangamo BioSciences, Inc.

<120> Regulation of Angiogenesis With Zinc  
 Finger Proteins

<130> 019496-005830US

<140> To Be Assigned  
 <141> To Be Assigned

<150> US 09/733,604  
 <151> 2000-12-07

<150> US 09/736,083  
 <151> 2000-12-12

<150> US 09/846,033  
 <151> 2001-04-30

<160> 252

<170> FastSEQ for Windows Version 3.0

<210> 1  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 1  
 atggacggg

<210> 2  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 2  
 kggggctgg

<210> 3  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
<223> target

<400> 3  
gagkgkgyg

9

<210> 4  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 4  
gggggaggn

9

<210> 5  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 5  
ggdtggggg

9

<210> 6  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 6  
argggggag

9

<210> 7  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 7  
tgggcagac

9

<210> 8  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 8  
tgggggtgg

9

```

    <210> 9
    <211> 9
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 9
atggacggg                                     9

    <210> 10
    <211> 9
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 10
gyaggggcc                                     9

    <210> 11
    <211> 9
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 11
gdggaagcc                                     9

    <210> 12
    <211> 9
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 12
akggaaggg                                     9

    <210> 13
    <211> 9
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 13
gccgggggag                                   9

    <210> 14
    <211> 9
    <212> DNA
    <213> Artificial Sequence

```

|           |                     |   |
|-----------|---------------------|---|
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 14                  |   |
| ggggaggvk |                     | 9 |
| <210>     | 15                  |   |
| <211>     | 9                   |   |
| <212>     | DNA                 |   |
| <213>     | Artificial Sequence |   |
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 15                  |   |
| ggggaggvk |                     | 9 |
| <210>     | 16                  |   |
| <211>     | 9                   |   |
| <212>     | DNA                 |   |
| <213>     | Artificial Sequence |   |
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 16                  |   |
| ggggaggvk |                     | 9 |
| <210>     | 17                  |   |
| <211>     | 9                   |   |
| <212>     | DNA                 |   |
| <213>     | Artificial Sequence |   |
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 17                  |   |
| ggggaggat |                     | 9 |
| <210>     | 18                  |   |
| <211>     | 9                   |   |
| <212>     | DNA                 |   |
| <213>     | Artificial Sequence |   |
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 18                  |   |
| ggggvggat |                     | 9 |
| <210>     | 19                  |   |
| <211>     | 9                   |   |
| <212>     | DNA                 |   |
| <213>     | Artificial Sequence |   |
| <220>     |                     |   |
| <223>     | target              |   |
| <400>     | 19                  |   |
| ggggaggmt |                     | 9 |

<210> 20  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 20  
 gawggggggc 9

<210> 21  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 21  
 atgggggtg 9

<210> 22  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 22  
 gggggctgg 9

<210> 23  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 23  
 gdgtggggn 9

<210> 24  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 24  
 gggggcgct 9

<210> 25  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target  
  
 <400> 25  
 gctggggggc 9  
  
 <210> 26  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> target  
  
 <400> 26  
 ggggggtgac 9  
  
 <210> 27  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> target  
  
 <400> 27  
 ggggggtgac 9  
  
 <210> 28  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> target  
  
 <400> 28  
 gctggagca 9  
  
 <210> 29  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> target  
  
 <400> 29  
 gggggghgct 9  
  
 <210> 30  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> finger  
  
 <400> 30  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 31  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 31  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 32  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 32  
 Arg Leu Asp Ser Leu Leu Arg  
 1 5

<210> 33  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 33  
 Gln Thr Gly His Leu Arg Arg  
 1 5

<210> 34  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 34  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 35  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 35  
 Arg Ser Asp Asn Leu Ala Arg  
 1 5

<210> 36  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 36  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 37  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 37  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 38  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 38  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 39  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 39  
 Asp Arg Ser Ser Leu Thr Arg  
 1 5

<210> 40  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 40  
 Glu Arg Gly Thr Leu Ala Arg  
 1 5



<210> 41  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 41  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 42  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 42  
 Arg Ser Asp Asn Leu Thr Arg  
 1 5

<210> 43  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 43  
 Thr Thr Ser Asn Leu Arg Arg  
 1 5

<210> 44  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 44  
 Thr Thr Ser Asn Leu Arg Arg  
 1 5

<210> 45  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 45  
 Thr Thr Ser Asn Leu Arg Arg  
 1 5

<210> 46  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 46  
 Gln Ser Ser Asn Leu Ala Arg  
 1 5

<210> 47  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 47  
 Thr Thr Ser Asn Leu Ala Arg  
 1 5

<210> 48  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 48  
 Gln Ser Ser Asn Leu Arg Arg  
 1 5

<210> 49  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 49  
 Asp Ser Gly His Leu Thr Arg  
 1 5

<210> 50  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 50  
 Arg Ser Asp Ala Leu Thr Arg  
 1 5

<210> 51  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 51  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 52  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 52  
 Gln Ser Ser His Leu Ala Arg  
 1 5

<210> 53  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 53  
 Gln Ser Ser Asp Leu Arg Arg  
 1 5

<210> 54  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 54  
 Asp Arg Ser His Leu Thr Arg  
 1 5

<210> 55  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 55  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 56  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 56  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 57  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 57  
 Gln Ser Gly Ser Leu Thr Arg  
 1 5

<210> 58  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 58  
 Gln Ser Ser Asp Leu Arg Arg  
 1 5

<210> 59  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 59  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 60  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 60  
 Asp Arg Ser His Leu Ala Arg  
 1 5

<210> 61  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 61  
 Asp Arg Asp His Leu Thr Arg  
 1 5

<210> 62  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 62  
 Gln Ser Gly His Leu Gln Arg  
 1 5

<210> 63  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 63  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 64  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 64  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 65  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 65  
 Gln Ser Gly Asp Leu Thr Arg  
 1 5

<210> 66  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 66  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 67  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 67  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 68  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 68  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 69  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 69  
 Gln Ser Gly Asn Leu Ala Arg  
 1 5

<210> 70  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 70  
 Gln Ser Gly Asn Leu Ala Arg  
 1 5

<210> 71  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 71  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 72  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 72  
 Arg Ser Ser Asn Leu Gln Arg  
 1 5

<210> 73  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 73  
 Arg Ser Ser Asn Leu Gln Arg  
 1 5

<210> 74  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 74  
 Arg Ser Asp Asn Leu Gln Arg  
 1 5

<210> 75  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 75  
 Arg Ser Asp Asn Leu Gln Arg  
 1 5

<210> 76  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 76  
 Arg Ser Asp Asn Leu Gln Arg  
 1 5

<210> 77  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 77  
 Arg Ser Asp Asn Leu Gln Arg  
 1 5

<210> 78  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 78  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 79  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 79  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 80  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 80  
 Asp Arg Ser His Leu Ala Arg  
 1 5



<210> 81  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 81  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 82  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 82  
 Asp Arg Ser His Leu Ala Arg  
 1 5

<210> 83  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 83  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 84  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 84  
 Met Ser His His Leu Ser Arg  
 1 5

<210> 85  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 85  
 Thr Ser Gly His Leu Val Arg  
 1 5

<210> 86  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 86  
 Gln Ser Gly His Leu Gln Arg  
 1 5

<210> 87  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 87  
 Gln Ser Ser His Leu Ala Arg  
 1 5

<210> 88  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 88  
 Arg Ser Asp Ala Leu Thr Gln  
 1 5

<210> 89  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 89  
 Arg Ser Asp His Leu Ser Lys  
 1 5

<210> 90  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 90  
 Arg Ser Asp Asn Leu Ala Arg  
 1 5

<210> 91  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 91  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 92  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 92  
 Gln Arg Ala His Leu Ala Arg  
 1 5

<210> 93  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 93  
 Arg Ser Asp Asn Leu Thr Gln  
 1 5

<210> 94  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 94  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 95  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 95  
 Arg Ser Asp His Leu Thr Thr  
 1 5

<210> 96  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 96  
 Arg Ser Asp Ala Leu Ser Ala  
 1 5

<210> 97  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 97  
 Gln Ser Gly Ser Leu Thr Arg  
 1 5

<210> 98  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 98  
 Arg Ser Asp Ala Leu Ala Arg  
 1 5

<210> 99  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 99  
 Arg Ser Asp Ala Leu Arg Gln  
 1 5

<210> 100  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 100  
 Asp Arg Ser Asp Leu Thr Arg  
 1 5

<210> 101  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 101  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 102  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 102  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 103  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 103  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 104  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 104  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 105  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 105  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 106  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 106  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 107  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 107  
 Gln Ser Gly Asn Leu Thr Arg  
 1 5

<210> 108  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 108  
 Arg Ser Asp Ala Leu Thr Gln  
 1 5

<210> 109  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 109  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 110  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 110  
 Arg Ser Asp Ala Leu Ala Arg  
 1 5

<210> 111  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 111  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 112  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 112  
 Gln Ser Ser Asp Leu Thr Arg  
 1 5

<210> 113  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 113  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 114  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 114  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 115  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 115  
 Gln Ser Ser Asp Leu Thr Arg  
 1 5

<210> 116  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 116  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 117  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 117  
 gtggagggggg tcggggct 18

<210> 118  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 118  
 ggagagggggg cygcagtg 18

<210> 119  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 119  
 atggacgggt gaggyggyg 19

<210> 120  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 120  
 Gln Ser Ser Asp Leu Arg Arg  
 1 5

<210> 121  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence



&lt;220&gt;

&lt;223&gt; finger

&lt;400&gt; 121

Arg Ser Asp Ala Leu Thr Arg

1

5

&lt;210&gt; 122

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; finger

&lt;400&gt; 122

Arg Ser Asp Glu Leu Thr Arg

1

5

&lt;210&gt; 123

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; finger

&lt;400&gt; 123

Arg Ser Asp His Leu Thr Arg

1

5

&lt;210&gt; 124

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; finger

&lt;400&gt; 124

Gln Ser Gly Asp Leu Thr Arg

1

5

&lt;210&gt; 125

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; finger

&lt;400&gt; 125

Arg Ser Asp Glu Leu Thr Arg

1

5

&lt;210&gt; 126

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>  
<223> finger

<400> 126  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 127  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 127  
Glu Arg Gly Asp Leu Thr Arg  
1 5

<210> 128  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 128  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 129  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 129  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 130  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 130  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 131  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> finger

<400> 131

Arg Ser Asp His Leu Ala Arg  
1 5

<210> 132

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 132

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 133

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 133

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 134

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 134

Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 135

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 135

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 136

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 136  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 137  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 137  
Arg Ser Asp Ala Leu Thr Gln  
1 5

<210> 138  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 138  
gaagaggacc 10

<210> 139  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 139  
gggggcgctc 10

<210> 140  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 140  
gtgtgggggtt 10

<210> 141  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 141  
ggggcggggg 10

```

    <210> 142
    <211> 10
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 142
ggggaggatc                                     10

    <210> 143
    <211> 10
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 143
gctgggggck                                     10

    <210> 144
    <211> 10
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 144
gggggtgacc                                     10

    <210> 145
    <211> 10
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 145
gggggtgacc                                     10

    <210> 146
    <211> 10
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> target

    <400> 146
aagggggagg                                     10

    <210> 147
    <211> 10
    <212> DNA
    <213> Artificial Sequence

```

<220>  
<223> target

<400> 147  
gcagggggccg 10

<210> 148  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 148  
gctggagcac 10

<210> 149  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 149  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 150  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 150  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 151  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 151  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 152  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 152  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 153  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 153  
Gln Ser Ser His Leu Ala Arg  
1 5

<210> 154  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 154  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 155  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 155  
Gln Ser Ser His Leu Ala Arg  
1 5

<210> 156  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 156  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 157  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 157  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 158  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 158  
Lys Thr Ser His Leu Arg Ala  
1 5

<210> 159  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 159  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 160  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 160  
Arg Ser Asp His Leu Ser Lys  
1 5

<210> 161  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 161  
Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 162  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger



<400> 162  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 163  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 163  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 164  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 164  
Asp Arg Ser His Leu Thr Arg  
1 5

<210> 165  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 165  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 166  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 166  
Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 167  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 167  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 168  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 168  
 Thr Ser Gly His Leu Val Arg  
 1 5

<210> 169  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 169  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 170  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 170  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 171  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 171  
 Met Ser His His Leu Ser Arg  
 1 5

<210> 172  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 172  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 173  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 173  
 Arg Ser Asp Asn Leu Ala Arg  
 1 5

<210> 174  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 174  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 175  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 175  
 Arg Ser Asp Asn Leu Thr Gln  
 1 5

<210> 176  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 176  
 Asp Arg Ser Ser Leu Thr Arg  
 1 5

<210> 177  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> finger

<400> 177  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 178  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 178  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 179  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 179  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 180  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 180  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 181  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> finger

<400> 181  
Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 182  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 182  
ggagagggggg ccgcagtg 18

<210> 183  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 183  
atggacgggt gaggcggcg 19

<210> 184  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 184  
gggggtgac 9

<210> 185  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> target

<400> 185  
gctgggggc 9

<210> 186  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> recognition helix

<400> 186  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 187  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> recognition helix

<400> 187  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 188  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 188  
 Glu Arg Gly Asp Leu Thr Arg  
 1 5

<210> 189  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 189  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 190  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 190  
 Arg Ser Asp Asn Leu Ala Arg  
 1 5

<210> 191  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 191  
 Gln Ser Ser His Leu Ala Arg  
 1 5

<210> 192  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 192  
 Arg Ser Asp Glu Leu Thr Arg  
 1 5

<210> 193  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 193  
 Arg Ser Asp Glu Leu Gln Arg  
 1 5

<210> 194  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 194  
 Arg Ser Asp Asn Leu Ala Arg  
 1 5

<210> 195  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 195  
 Arg Ser Asp His Leu Ala Arg  
 1 5

<210> 196  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 196  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 197  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 197  
 Arg Ser Asp Ala Leu Thr Gln  
 1 5

<210> 198  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 198  
 Asp Arg Ser Asn Leu Thr Arg  
 1 5

<210> 199  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 199  
 Met Ser His His Leu Ser Arg  
 1 5

<210> 200  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 200  
 Arg Ser Asp His Leu Ser Arg  
 1 5

<210> 201  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 201  
 Asp Arg Ser His Leu Thr Arg  
 1 5

<210> 202  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 202  
 Arg Ser Asp His Leu Thr Arg  
 1 5



<210> 203  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 203  
 Gln Ser Ser Asp Leu Thr Arg  
 1 5

<210> 204  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-C forward primer

<400> 204  
 tgccgatgca tgtctaaact 20

<210> 205  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-C reverse primer

<400> 205  
 tgaacaggtc tcttcatcca gc 22

<210> 206  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-C probe  
 <221> modified\_base  
 <222> (1)...(1)  
 <223> n = c modified by aminofluorescein (FAM)

<221> modified\_base  
 <222> (26)...(26)  
 <223> n = a modified by tetramethylrhodamine (TAMRA)

<400> 206  
 nagcaacact accacagtgt caggcn 26

<210> 207  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 207  
 tgagcggcgg cagcggagc  
 10

<210> 208  
 <211> 25  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> exemplary DNA-binding subdomain motif of C-2H-2  
 class of zinc finger proteins (ZFP)

<221> MOD\_RES  
 <222> (2)...(5)  
 <223> Xaa = any amino acid, Xaa in positions 4 and 5 may  
 be present or absent

<221> MOD\_RES  
 <222> (7)...(18)  
 <223> Xaa = any amino acid

<221> MOD\_RES  
 <222> (20)...(24)  
 <223> Xaa = any amino acid, Xaa in positions 23 and 24  
 may be present or absent

<400> 208  
 Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 1 5 10 15  
 Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His  
 20 25

<210> 209  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 209  
 ggcgtagac

9

<210> 210  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 210  
 ggcgacgta

9

<210> 211  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence

<220>  
<223> peptide linker

<400> 211  
Thr Gly Glu Lys Pro  
1 5

<210> 212  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> peptide linker

<400> 212  
Gly Gly Gly Gly Ser  
1 5

<210> 213  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> peptide linker

<400> 213  
Gly Gly Arg Arg Gly Gly Gly Ser  
1 5

<210> 214  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> peptide linker

<400> 214  
Leu Arg Gln Arg Asp Gly Glu Arg Pro  
1 5

<210> 215  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> peptide linker

<400> 215  
Leu Arg Gln Lys Asp Gly Gly Gly Ser Glu Arg Pro  
1 5 10

<210> 216  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>

<223> peptide linker

<400> 216

Leu Arg Gln Lys Asp Gly Gly Gly Ser Gly Gly Gly Ser Glu Arg Pro  
1 5 10 15

<210> 217

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> F1 DNA binding domain of mouse transcription  
factor Zif268

<400> 217

Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser Asp  
1 5 10 15  
Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro  
20 25 30

<210> 218

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> F2 DNA binding domain of mouse transcription  
factor Zif268

<400> 218

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu  
1 5 10 15  
Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro  
20 25

<210> 219

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> F3 DNA binding domain of mouse transcription  
factor Zif268

<400> 219

Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg  
1 5 10 15  
Lys Arg His Thr Lys Ile His Leu Arg Gln Lys  
20 25

<210> 220

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> mouse transcription factor Zif268 target

<400> 220  
gcgtgggcg

9

<210> 221  
<211> 94  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Sp-1 transcription factor

<400> 221  
Pro Gly Lys Lys Lys Gln His Ile Cys His Ile Gln Gly Cys Gly Lys  
1 5 10 15  
Val Tyr Gly Lys Thr Ser His Leu Arg Ala His Leu Arg Trp His Thr  
20 25 30  
Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly Lys Arg Phe  
35 40 45  
Thr Arg Ser Asp Glu Leu Gln Arg His Lys Arg Thr His Thr Gly Glu  
50 55 60  
Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met Arg Ser Asp  
65 70 75 80  
His Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly  
85 90

<210> 222  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Sp-1 optimal target consensus sequence

<400> 222  
ggggcgggg

9

<210> 223  
<211> 100  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Sp-i consensus sequence with leader sequence

<400> 223  
Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln  
1 5 10 15  
His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Lys Ser Ser His Leu  
20 25 30  
Arg Ala His Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Lys Cys Pro  
35 40 45  
Glu Cys Gly Lys Ser Phe Ser Arg Ser Asp Glu Leu Gln Arg His Gln  
50 55 60  
Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys  
65 70 75 80  
Ser Phe Ser Arg Ser Asp His Leu Ser Lys His Gln Arg Thr His Gln  
85 90 95  
Asn Lys Lys Gly  
100

<210> 224  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> N-terminal nuclear localization signal from SV40  
 large T antigen

<400> 224  
 Pro Lys Lys Lys Arg Lys Val  
 1 5

<210> 225  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> FLAG peptide

<400> 225  
 Asp Tyr Lys Asp Asp Asp Asp Lys  
 1 5

<210> 226  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-A forward primer

<400> 226  
 gtgcattgga gccttgccctt g 21

<210> 227  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-A reverse primer

<400> 227  
 actcgatctc atcagggtac tc 22

<210> 228  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VEGF-A Taqman probe

<221> modified\_base  
 <222> (1)...(1)  
 <223> n = c modified by aminofluorescein (FAM)

<221> modified\_base  
 <222> (25)...(25)  
 <223> n = a modified by tetramethylrhodamine (TAMRA)

<400> 228  
 nagtagctgc gctgatagac atccn 25

<210> 229  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> GAPDH forward primer

<400> 229  
 ccatgttcgt catgggtgtg a 21

<210> 230  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> GAPDH reverse primer

<400> 230  
 catggactgt ggcatgagt 20

<210> 231  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> GAPDH Taqman probe

<221> modified\_base  
 <222> (1)...(1)  
 <223> n = t modified by aminofluorescein (FAM)

<221> modified\_base  
 <222> (24)...(24)  
 <223> n = a modified by tetramethylrhodamine (TAMRA)

<400> 231  
 ncctgcacca ccaactgctt agcn 24

<210> 232  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> VP16-FLAG forward primer

<400> 232  
 catgacgatt tcgatctgga 20

<210> 233  
 <211> 22

<212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> VP16-FLAG reverse primer  
  
 <400> 233  
 ctacttgatca tcgtcgctct tg 22  
  
 <210> 234  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> VP16-FLAG Taqman probe  
  
 <221> modified\_base  
 <222> (1)...(1)  
 <223> n = a modified by aminofluorescein (FAM)  
  
 <221> modified\_base  
 <222> (26)...(26)  
 <223> n = a modified by tetramethylrhodamine (TAMRA)  
  
 <400> 234  
 ntcggtaaac atctgctcaa actcgn 26  
  
 <210> 235  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> RT-PCR primer  
  
 <400> 235  
 atgaactttc tgctgtcttg ggtgcatt 28  
  
 <210> 236  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> RT-PCR primer  
  
 <400> 236  
 tcaccgcctc ggcttgtcac at 22  
  
 <210> 237  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> murine VEGF target  
  
 <400> 237  
 tgagcggcgg cagcggag 18



<210> 238  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 238  
 Arg Ser Asp Glu Leu Ser Arg  
 1 5

<210> 239  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> recognition helix

<400> 239  
 Gln Ser Gly His Leu Thr Lys  
 1 5

<210> 240  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> target

<400> 240  
 gctgggggcg

9

<210> 241  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> primer

<400> 241  
 cccagatctg gtgatggcaa gaagaagcag caccatctgc cacatccag

49

<210> 242  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> primer

<400> 242  
 cccaagctta g gatccaccc ttcttggtct ggtgggt

37

<210> 243  
 <211> 18  
 <212> PRT

<213> Artificial Sequence

<220>

<223> VZ+57

<400> 243

His Gln Asn Lys Lys Gly Gly Ser Gly Asp Gly Lys Lys Lys Gln His  
1 5 10 15

Ile Cys

<210> 244

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> target

<400> 244

gaggcttgg

9

<210> 245

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 245

Thr Ser Gly His Leu Thr Arg  
1 5

<210> 246

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 246

Thr Ser Gly His Leu Ile Arg  
1 5

<210> 247

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 247

Thr Ser Gly His Leu Ser Arg  
1 5

<210> 248

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 248

Thr Ser Gly His Leu Ala Arg  
1 5

<210> 249

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 249

Thr Ser Gly His Leu Arg Arg  
1 5

<210> 250

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 250

Thr Ala Gly His Leu Val Arg  
1 5

<210> 251

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 251

Thr Thr Gly His Leu Val Arg  
1 5

<210> 252

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> finger

<400> 252

Thr Lys Asp His Leu Val Arg  
1 5